

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. OBRIEN.002DV2	SERIAL NO. 08/484,594
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT O'Brien, J.S., et al.	MAIL ROOM JUL 31 1995 RECEIVED PATENT & TRADEMARK OFFICE
		FILING DATE June 7, 1995	

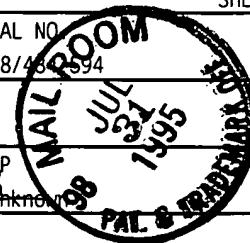
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)									
RCH ↓	A	Aderka, D. et al., IL-6 inhibits lipopolysaccharide-induced tumor necrosis factor production... Jour. of Immunol. 143(11):3517-3523 (1989).								
	B	Banks, W., et al. Permeability of the blood-brain barrier to peptides: an approach... Peptides 13:1289-1294 (1992).								
	C	Barde, Y.A. Trophic factors and neuronal survival. Neuron 1:1525-1534 (1989).								
	D	Baringe, M. Neurotrophic factors enter the clinic. Science 264:772-774 (1994).								
	E	Bazan, J. Neuropoietic cytokines in the hematopoietic fold. Neuron 7:197-208, (1991).								
	F	Bradová, V. et al. Prosaposin deficiency: further characterization of the sphingolipid activator protein-deficient sibs. Human Genetics 92:143-152 (1993).								

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 7/17/96
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT O'Brien, J.S., et al.	GROUP 1818 Unknown
		FILING DATE June 7, 1995	



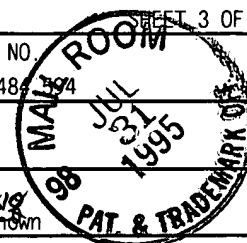
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	YES	NO										

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
RCH	G	Dewji, N. et al., Nucleotide sequence of cloned cDNA for human sphingolipid activator... Proc. Natl. Acad. Sci. USA, 84:8652-8656 (1987).
	H	Dewji, N. et al., Molecular cloning of the sphingolipid activator protein... Biochem. and Biophys. Res. Commun. 134(2):989-994 (1986).
	I	Fonnum, A rapid radiochemical method for the determination of choline acetyltransferase. Jour. of Neurochemistry 24:407-409 (1975).
	J	Francis, M. et al., Immunological properties of hepatitis B core antigen fusion proteins. Proc. Natl. Acad. Sci. 87:2545-2549 (1990).
	K	Fürst, W. et al., The complete amino-acid sequences of human ganglioside GM2 activator protein and cerebroside sulfate activator protein. Eur. J. Biochem. 192:709-714 (1990).
	L	Gurney, M. et al., Induction of motor neuron sprouting <i>in vivo</i> by ciliary neurotrophic factor and basic fibroblast growth factor. Jour. of Neuroscience 12(8):3241-3247 (1992).

EXAMINER <i>P. J. Rayer</i>	DATE CONSIDERED <i>7/17/96</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT O'Brien, J.S., et al.	GROUP 189 Unknown
		FILING DATE June 7, 1995	



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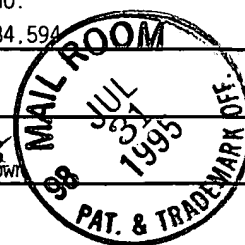
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												YES	NO

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RCH ↓	M	Hefti, F. et al., Function of neurotrophic factors in the adult and aging brain.... Neurobiology of Aging 10:515-533 (1989).										
	N	Henderson, C. et al., Neurotrophic factors in development and plasticity of spinal neurons. Restorative Neurology and Neuroscience 5:15-28 (1993).										
	O	Hiraiwa, M. et al., Binding and transport of gangliosides by prosaposin. Proc. Natl. Acad. Sci. USA, 89:11254-11258 (1992).										
	P	Hiraiwa, M. et al., Isolation, characterization, and proteolysis of human prosaposin... Arch. Biochem. Biophys. 304(1):110-116 (1993).										
	Q	Hofer, M. et al., Brain-derived neurotrophic factor prevents neuronal death in vivo. Nature 331:261-262 (1988).										
	R	Ip, N. et al., The neurotrophins and CNTF: specificity of action toward PNS and CNS neurons. J. Physiol., 85:123-130 (1991).										

EXAMINER <i>R. Hayer</i>	DATE CONSIDERED <i>7/17/96</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT O'Brien, J.S., et al.	
		FILING DATE June 7, 1995	GROUP 1/3/8 UNKNOWN



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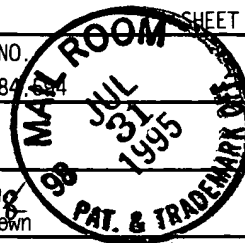
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)									
PCH	S	Kishimoto, Y. et al., Saposins: structure, function, distribution, and molecular genetics. Jour. of Lipid Research, 3:1255-1268 (1992).								
	T	Kleinschmidt, T. et al. Complete amino-acid sequence and carbohydrate content of the naturally occurring glucosylceramide activator protein... Biological Chemistry Hoppe-Seyler 368(12):1573-1578 (1987).								
	U	Kondoh, K. et al. Distribution of prosaposin-like immunoreactivity in rat brain. Jour. of Comparative Neurology 334:590-602 (1993).								
	V	Kondoh, K. et al. Isolation and characterization of prosaposin from human milk. Biochem. and Biophys. Res. Commun. 181(1):286-292 (1991).								
	W	Krystal, G. A simple microassay for erythropoietin based on 3H-thymidine incorporation.... Exp. Hematol. 11(7):649-660 (1983).								
	X	Kwon, Y. et al., Systemic injections of ciliary neurotrophic factor induce sprouting by adult motor neurons. Neuroreport 5:789-792 (1994).								

EXAMINER <i>P. J. Hayes</i>	DATE CONSIDERED 7/17/96
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT O'Brien, J.S., et al.	GROUP 1818 UNKNOWN
		FILING DATE June 7, 1995	



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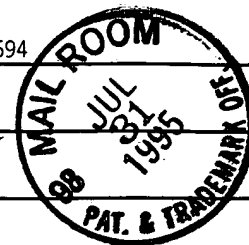
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
RCH	Y	Lamontagne, S. et al. Modulation of human saposin B sphingolipid-binding specificity by alternative splicing. Jour. of Biol. Chem. 269:20528-20532 (1994).
	Z	Lin, L. et al., Purification, cloning, and expression of ciliary neurotrophic factor (CNTF). Science 246:1023-1025. (1989).
	AA	Lindsay, R. et al., The neurotrophin family of NGF-related neurotrophic factors. Restorative Neurology and Neuroscience 2:211-220 (1991).
	BB	Maisonpierre, P. et al., Neurotrophin-3: a neurotrophic factor related to NGF and BDNF. Science, 247:1446-1451 (1990).
	CC	Morimoto, S. et al., Distribution of saposin proteins (sphingolipid...). Proc. Natl. Acad. Sci. USA, 87:3493-3497 (1990).
	DD	Morimoto, S. et al., Saposin A: Second cerebroside activator protein. Proc. Natl. Acad. Sci. 86:3389-3393 (1989).

EXAMINER R. Hayer	DATE CONSIDERED 7/17/96
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		FILING DATE June 7, 1995	GROUP 1818 Unknown



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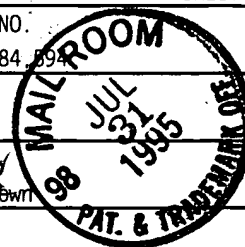
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RCH ↓	EE	Morimoto, S. et al., Saposin D: A sphingomyelinase activator. Biochemical and Biophysical Research Communications 156(1):403-410 (1988).										
	FF	O'Brien, J. et al., Identification of prosaposin as a neurotrophic factor. Proc. Natl. Acad. Sci. 91(20):9593-9596 (1994).										
	GG	O'Brien, J. et al., Isolation and characterization of prosaposin...FASEB Jour. 6(4):A969 (1992).										
	HH	O'Brien, J. et al., Saposin proteins: structure, function, and role in human lysosomal... FASEB Jour. 5:301-308 (1991).										
	II	O'Brien, J. et al., Coding of two sphingolipid activator proteins (SAP-1 and SAP-2)... Science 241:1098-1101 (1988).										
	JJ	Priestle, J.P. et al., Crystallographic refinement of interleukin...Proc. Natl. Acad. Sci. 86:9667-9671 (1989).										

EXAMINER <i>R. J. Vayer</i>	DATE CONSIDERED 7/17/96
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. OBRIEN.002DV2	SERIAL NO. 08/484,894
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT O'Brien, J.S., et al.	GROUP 1810 Unknown
		FILING DATE June 7, 1995	



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												YES	NO	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
RCH	KK	Purves, D. et al., Trophic regulation of nerve cell morphology and innervation... Nature, 336:123-128 (1988).
	LL	Rich, K. et al., Nerve growth factor protects adult sensory neurons from cell death... Jour. of Neurocytology 16:261-268 (1987).
	MM	Rorman, E. et al., Structure and evolution of the human prosaposin chromosomal gene. Genomics 12(2):312-318 (1992).
	NN	Sano, A. et al., Protection by prosaposin against ischemia-induced learning disability and neuronal loss. Biochem. and Biophys. Res. Commun. 204(2):994-1000 (1994).
	OO	Sano, A. et al., Saposin-C from bovine spleen; complete amino acid sequence and relation between the structure and its biological activity. Biochim. et Biophys. Acta 1120(1):75-80 (1991).
	PP	Satomi, D., Developmental changes of glutamate decarboxylase and 2',3'-cyclic nucleotide... Zoological Science 9:127-132 (1992).

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RCH ↓	QQ	Soeda, S. et al., Binding of cerebroside and sulfatides to saposins A-D*. Jour. of Biol. Chem. 268(25):18519-18523 (1993).
	RR	Sprang, S. et al., Cytokine structural taxonomy and mechanisms of receptor engagement. Current Opinion in Structural Biology. 3:815-827 (1993).
	SS	Triguero, D. et al., Capillary depletion method for quantification of blood-brain barrier transport of circulating peptides and plasma proteins. J. of Neurochem., 54(6):1882-1888 (1990).

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